In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A control circuit for controlling the operation of a piezo ceramic actuator comprising means for applying a voltage to the piezo ceramic actuator, the voltage applying means being arranged such that a charge is applied to the piezo ceramic device ~~(10)~~ which in turn produces a displacement of the piezo ceramic device, characterised in that the voltage applying means is arranged to apply a reverse bias voltage to the actuator.

2. (Original) The control circuit according to claim 1, further comprising means for generating a control signal indicative of the temperature of the actuator and means for altering the amount of reverse bias voltage as a function of the control signal.

3. (Currently Amended) The control circuit according to claim 1 ~~or 2~~, wherein the means for applying a voltage includes an H-bridge.

4. (Original) The control circuit according to claim 3, wherein the H-bridge is provided with a plurality of switches arranged to charge and discharge the piezo ceramic device.

5. (Original) The control circuit according to claim 4, wherein the plurality of switches are transistor switches.

6. (Currently Amended) The control circuit according to ~~claims 3, 4 or 5~~ claim 3, wherein the H-bridge is configured to apply the reverse bias voltage to the actuator.

7. (Currently Amended) A piezo ceramic actuator arrangement according to claim 1, comprising a piezo ceramic actuator and a control circuit ~~according to any one of the preceding claims~~.

8. (New) The control circuit according to claim 2, wherein the means for applying a voltage includes an H-bridge.

9. (New) The control circuit according to claim 8, wherein the H-bridge is provided with a plurality of switches arranged to charge and discharge the piezo ceramic device.

10. (New) The control circuit according to claim 9, wherein the plurality of switches are transistor switches.

11. (New) The control circuit according to claim 8, wherein the H-bridge is configured to apply the reverse bias voltage to the actuator.

12. (New) The control circuit according to claim 4, wherein the H-bridge is configured to apply the reverse bias voltage to the actuator.

13. (New) The control circuit according to claim 9, wherein the H-bridge is configured to apply the reverse bias voltage to the actuator.

14. (New) The control circuit according to claim 5, wherein the H-bridge is configured to apply the reverse bias voltage to the actuator.

15. (New) The control circuit according to claim 10, wherein the H-bridge is configured to apply the reverse bias voltage to the actuator.